

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Super Sky Products Enterprises, LLC 10301 North Enterprise Drive Mequon, Wisconsin 53092

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Standard Tubular Aluminum Skylight System with Insulated Glass – S.M.I.

APPROVAL DOCUMENT: Drawing No. 20090209, titled "Super Sky's Standard Tubular Skylight Glazing System", sheets A1 through A5 of 5, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E. on March 15, 2010, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 11-0811.07 and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P.E.



J GASON 12/14/12 NOA No. 12-1023.07 Expiration Date: 12/24/2017 Approval Date: 12/27/2012 Page 1

Super Sky Products Enterprises, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 20090209, titled "Super Sky's Standard Tubular Skylight Glazing System", sheets A1 through A5 of 5, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E. on March 15, 2010.

B. TESTS

- 1. Test report on Small Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report No. 0161-0208-99, dated 02/17/99, signed and sealed by Timothy S. Marshall, P.E. (Submitted under NOA 99-1019.08.)
- 2. Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report Nos. 0161-1023-04, dated September 13, 2005, signed and sealed by Vinu J. Abraham, P.E. (Submitted under NOA 05-1208.04.)
- 3. Test report on Large Missile Impact Test and Cyclic Load Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report No. 0161-0508.09, dated July 13, 2009, signed and sealed by Vinu J. Abraham, P.E. (Submitted under NOA 09-1001.05.)

C. CALCULATIONS

1. Calculation titled "Super Sky Products, Inc. Mock-up-Dade County Product Approval TAS-201, TAS-202, TAS-203, Small Missile Test", dated November 11, 2005, sheets 1 through 13 of 13, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E. (Submitted under NOA 05-1208.04.)

D. OUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

- 1. Mill Certified Test Report issued by Viracon, dated 03/10/99, with the glass strength analysis by Jeffrey D. Granato. (Submitted under NOA 99-1019.08.)
- 2. The Die Drawing Numbers D1 through D9 of 9, by Super Sky Products, Inc. (Submitted under NOA 99-1019.08.)

F. OTHERS

- 1. Letter of Compliance with the Florida Building Code, 2010 Edition, issued by Mr. David S. Barron, P.E., dated September 27, 2012, signed and sealed by Mr. David S. Barron, P.E.
- 2. Letter of Compliance with the Florida Building Code, 2010 Edition, issued by Mr. David S. Barron, P.E., dated February 10, 2012, signed and sealed by Mr. David S. Barron, P.E. (Submitted under NOA 11-0811.07.)

Jaime D. Gascon, P.E.

Product Control Section Supervisor

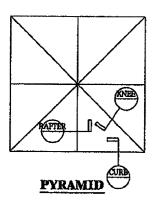
NOA No. 12-1023.07 Expiration Date: 12/24/2017

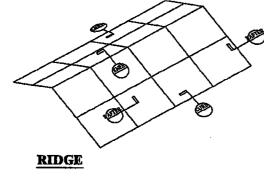
Approval Date: 12/27/2012

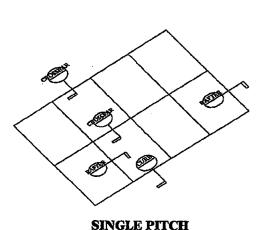
SUPER SKY'S STANDARD TUBULAR SKYLIGHT SYSTEM

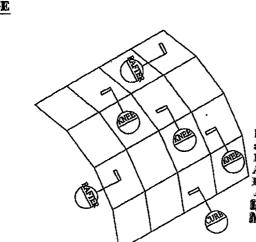
- 1) SYSTEM DESPCRIPTION: SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM CONSISTS OF AN EXTRUDED ALUMINUM STRUCTURAL FRAME (6005-T5). CUSTOM ENGINEERED TO SUIT A PARTICULAR PROJECT. THE EXTRUDED FRAME IS CONNECTED TOGETHER USING ALUMINUM CHANNEL CLIPS, ANCHOR PLATES, AND GUSSETS PLATES, AS SHOWN ON DRAWINGS A1-A5. THE GLASS IS ATTACHED TO THE FRAME USING ALUMINUM RETAINERS (6005-T5), AND 1/2"-20 STAINLESS STEEL TORX HEAD SCREWS 6" O.C. THE SCREWS ENGAGE THE SERRATIONS IN THE ALUMINUM EXTRUSIONS BELOW. EPDM GASKETS ARE USED ON THE INTERIOR (%" X %") AND EXTERIOR (1/2" X 1/8") TO CUSHION THE GLASS. AND A FULL SILICONE WEATHER SEAL AND SNAP-ON CAPS ARE APPLIED TO PREVENT AIR AND WATER INFILTRATION.
- 2) SKYLIGHT TYPES: SINCE ALMOST ALL SKYLIGHTS BUILT USING SUPER SKY'S STANDARD TUBULAR GLAZING SYSTEM ARE CUSTOM DESIGNED FOR A PARTICULAR BUILDING, VIRTUALLY NONE OF THEM ARE EXACTLY THE SAME. IN RECOGNITION OF THIS FACT, THE TEST SPECIMINS AS SHOWN ON SHEETS A1-A5 WERE DEVELOPED SO AS TO TEST THE FOUR STANDARD DETAILS USED ON MOST SKYLIGHT PROJECTS (CURB, RAFTER, CROSSBAR, AND KNEE). THE DESIGN PRESSURE, GLASS TYPE, AND GLASS SIZES WERE ALSO SELECTED TO SUIT THE MOST POSSIBLE SKYLIGHT PROJECTS.

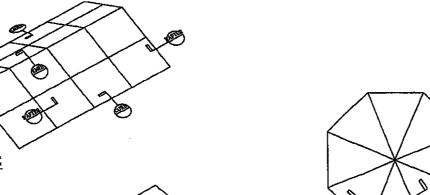
EXAMPLES OF THESE SKYLIGHT TYPES ARE SHOWN BELOW.











DOME

SUPER SKY'S STANDARD

TUBULAR SKYLIGHT **GLAZING SYSTEM**

PRODUCT APPROVAL TESTING

STANDARD DETAILS TESTED :

2) KNEE [HIP] (SEE DETAIL 2/A3)

PLEASE SEE DRAWINGS A1-A5

THE MOCK-UP TESTED.

1) RAFTER (SEE DETAILS 3/A3 & 1/A4)

3) SILL/CROSSBAR (SEE DETAIL 1/A3)

FOR COMPLETE SPECIFICATIONS OF

PER TAS-201, TAS-202, TAS-203 🛕

PRODUCT RENEWED as complying with the Florida **Buiding Code** Acceptance No 12 - 1023-67

Expiration Date 12 24 2017 Miami Dade Product Control

Acceptance No 11-0811.0 Expiration Date 12/24/2

PRODUCT REVISED

Building Code

as complying with the Florida

GENERAL NOTES:

- 1) THIS SYSTEM IS APPROVED FOR: DESIGN PRESSURES UP TO +/- 120 PSF.
- 2) GLASS TYPE TESTED: 1-5/16" INSULATED GLASS UNIT CONSISTING OF:

1/4" CLEAR TEMPERED OUTER LITE 1/2" AIR SPACE 9/16" CLEAR LAMINATED INNER LITE CONSISTING OF: 1/4" CLEAR HEAT STRENGHTENED GLASS .060" PVB INTERLAYER (BY SOLUTIA, NOA #06-0216.06) 1/4" CLEAR HEAT STRENGHTENED GLASS

- 3) SMALL MISSILE IMPACT ONLY (STEEL BALL BEARINGS). THIS GLASS PRODUCT IS APPROVED FOR USE 30' ABOVE GRADE OR HIGHER.
- 4) APPROVED UP TO A MAXIMUM LITE SIZE OF 30 SQ. FT.
- 5) THE ALUMINUM EXTRUSIONS TESTED WERE SIZED PER STRUCTURAL CALCULATIONS TO SUIT THE SPANS AN DESIGN PRESSURE TESTED.
- 6) ALUMINUM CONTACTING MATERIALS NOT CONSIDERED COMPATIBLE SHALL BE PROTECTED PER SECTION 2003.8.4.2 OF THE FLORIDA BUILDING CODE.
- 7) THIS APPROVAL IS LIMITED TO THE MAXIMUM AREA OF THE 1-5/16" INSULATED GLASS, THE FULLY ASSEMBLED GLAZING DETAILS SYSTEM TO THE SUPPORTING RAFTERS AND THE MAXIMUM DESIGN PRESSURE SHOWN ON THESE DRAWINGS.
- 8) THE STRUCTURAL ADEQUACY OF THE SUPPORTING STRUCTURAL MEMBERS (CURBS, RAFTERS, PURLINS, AND ALL OTHER FRAMING MEMBERS) IS NOT PART OF THIS APPROVAL AND IT SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT.

DADE COUNTY USE



SUPER SKY PRODUCTS ENTERPRISES, LLC 1001 N, ENTERPRISE OR MEQUON, WISCONTIN 1909 262-242-2000

1 06/10/09 CB

2 3/12/10

SMALL MISSILE

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PROJECT PROJECT MOCK-UP PRODUCT APPROVAL

DADE COUNTY, FL ENGINEER DAVID S. BARRON

TEST LABORATORY HURRICANE TEST

RIVIERA BEACH, FL

PRODUCT REVISED as complying with the Florida Acceptance No 09-1001-05 Expiration Date 2/24/2012

ENGINEER STAMP

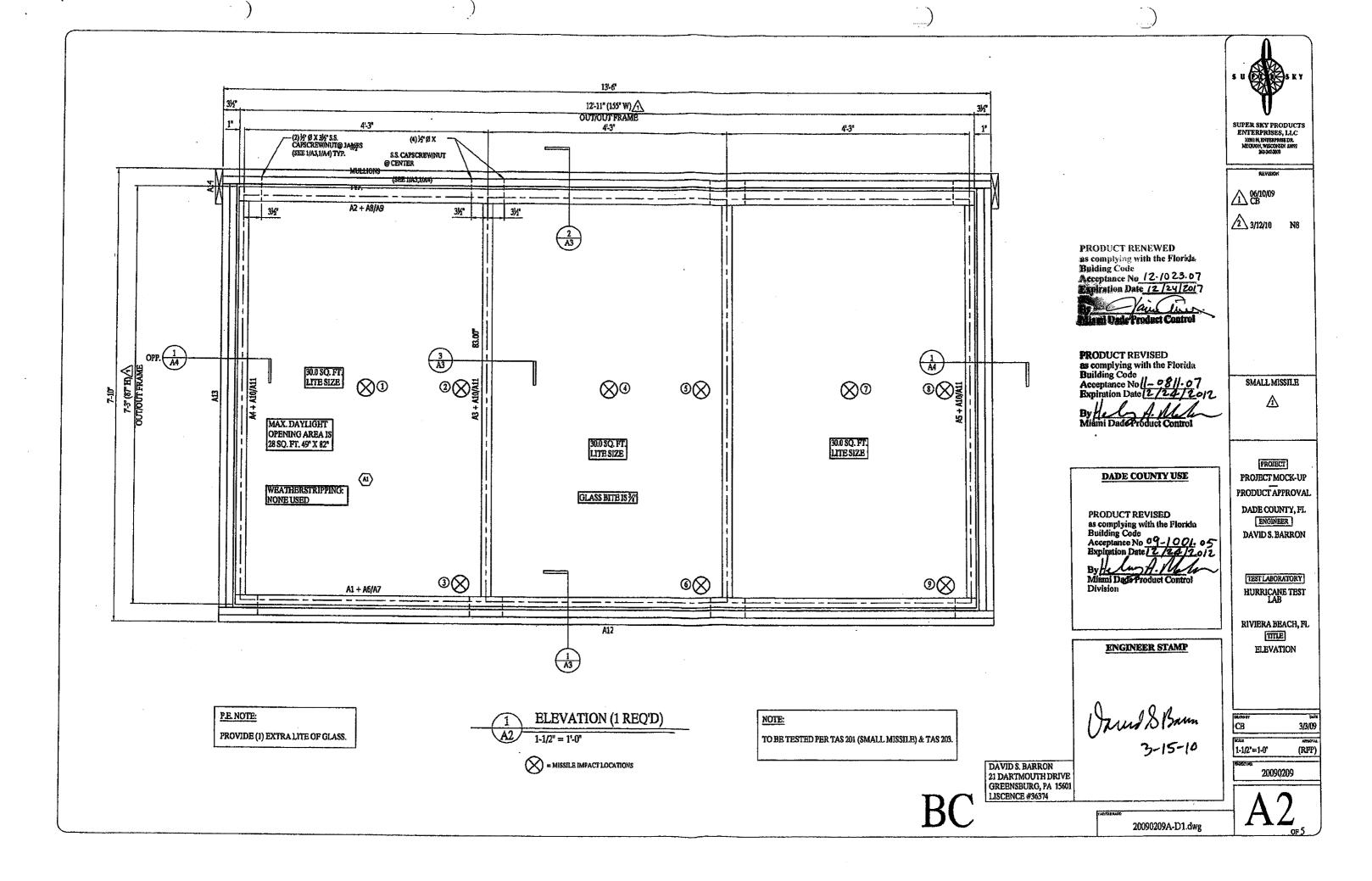
20090209

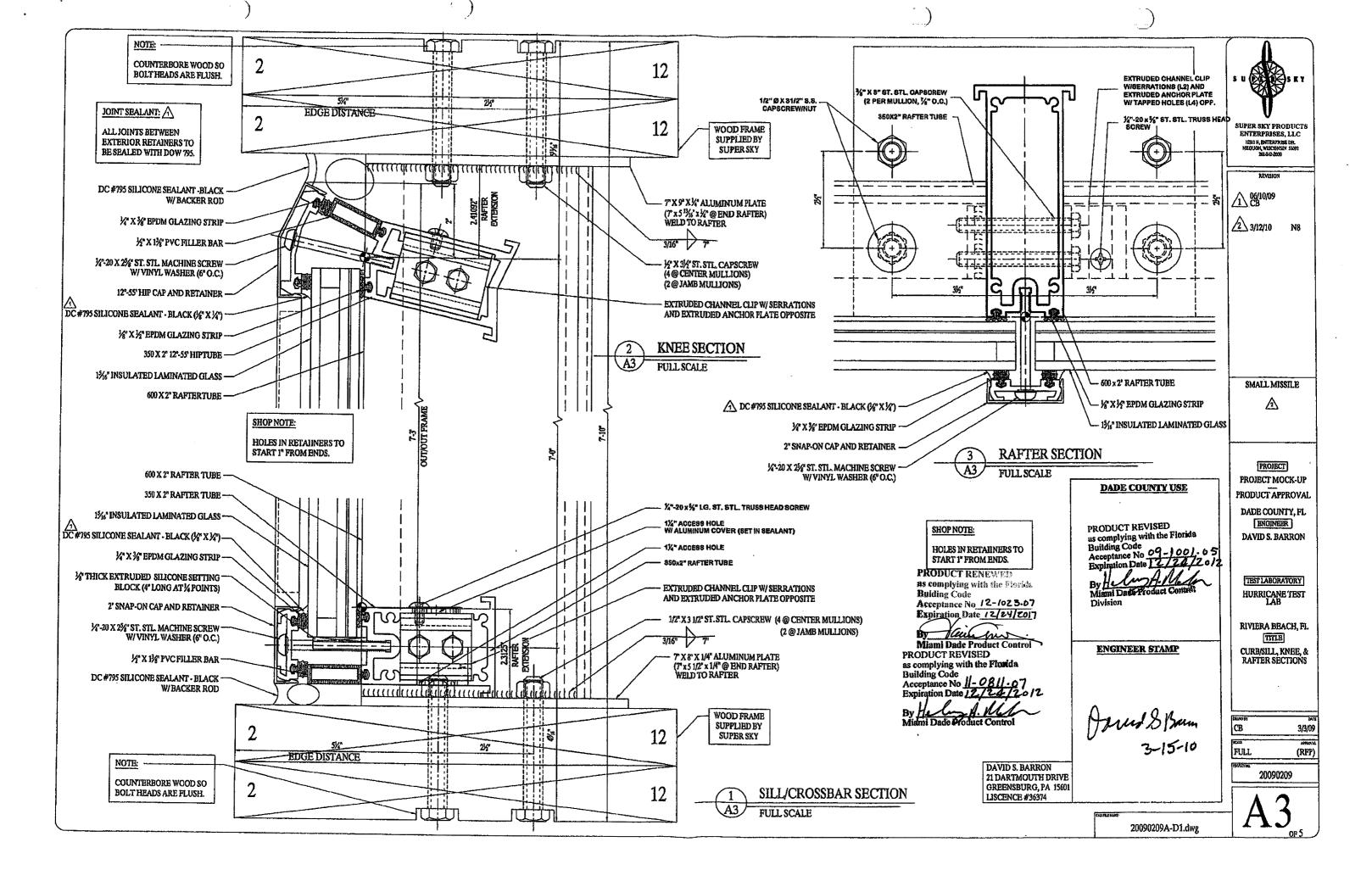
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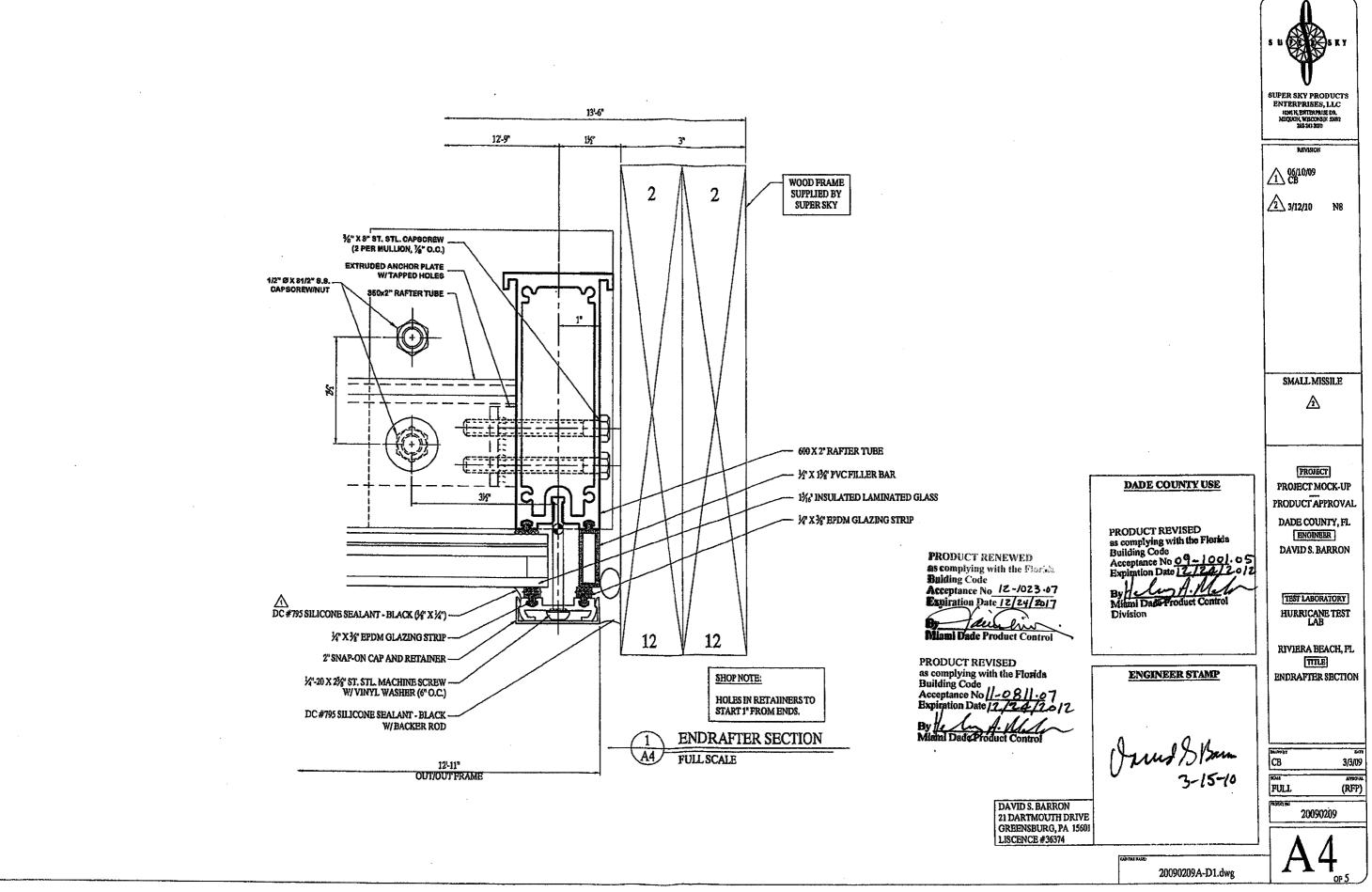
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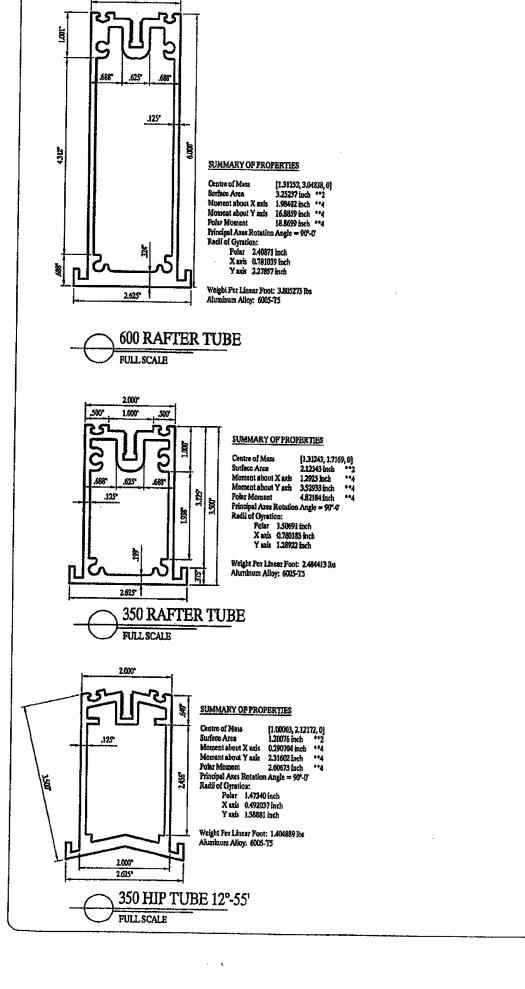
DAVID S. BARRON 21 DARTMOUTH DRIVE GREENSBURG, PA 15601 20090209A-D1.dwg LISCENCE #36374

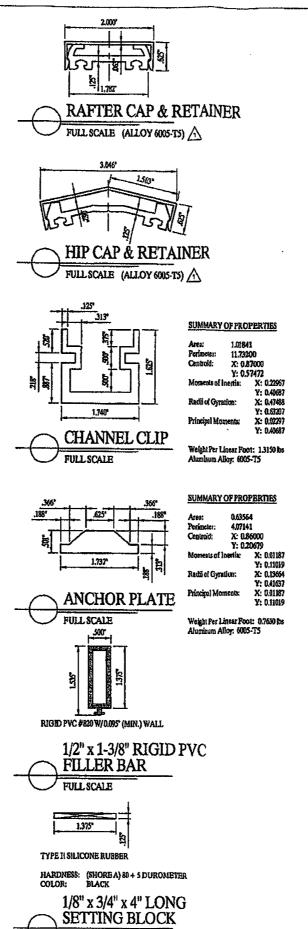
VAULT

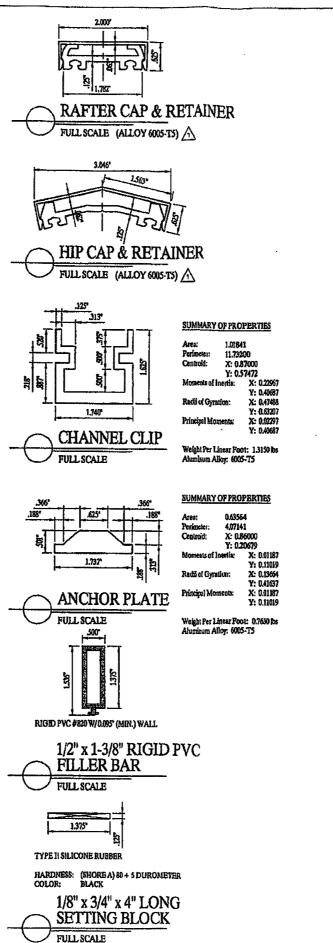


















(SHORE A) 50 + 5 DUROMETER 800 PSI (MIN.) 300% (MIN.) 65 (MIN.) BLACK

(SHORE A) 50 + 5 DUROMETER

800 PSI (MIN.)

300% (MIN.)

65 (MIN.) BLACK

1/8" x 1/2" EPDM GLAZING STRIP FULLSCALE



19961 P. ENTERPRISE DR. MEQUON, WASCONSIN \$3972 262-242-2000 HOIZIVER

2 3/12/10 N8

SMALL MISSILE

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PROJECT PROJECT MOCK-UP PRODUCT APPROVAL DADE COUNTY, FL

ENGINEER DAVID S. BARRON

TEST LABORATORY HURRICANE TEST LAB

RIVIERA BEACH, FL TITLE

EXTRUSIONS

20090209

3/3/09

(RFP)

ENGINEER STAMP

DADE COUNTY USE

Building Code
Acceptance No 09-1001-05
Expiration Date 12/24/20/2

PRODUCT REVISED as complying with the Florida Building Code

By A.M. Miami Dade Product Contro

Division

FULL

DAVID S. BARRON 21 DARTMOUTH DRIVE GREENSBURG, PA 15601 LISCENCE #36374

20090209A-D1.dwg